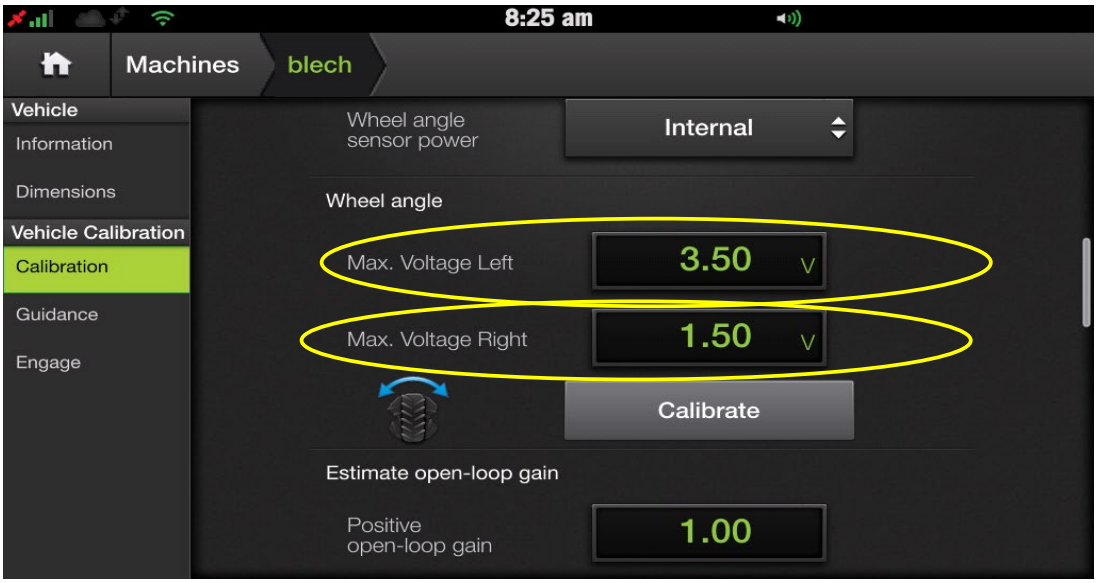
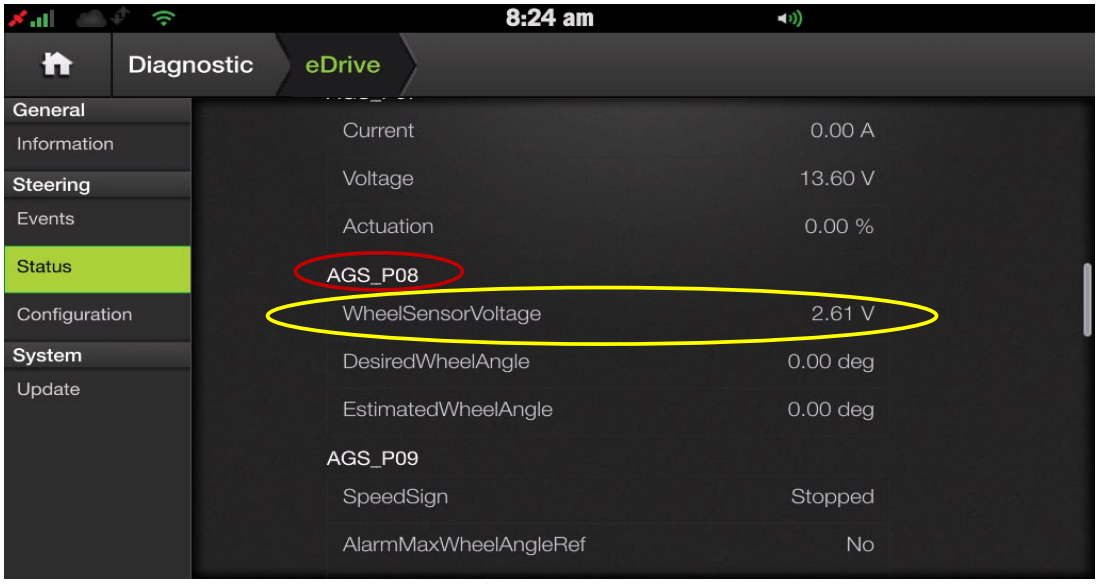
WAS Voltage

In most cases the WAS errors can be corrected by ensuring the MaveriX and the EDM1 are on the correct software that is designed to support hydraulic solutions. The MaveriX should be on no less than 1.6.4 and the EDM1 should be on the appropriate software for the MaveriX software. As you have noticed, there are no longer any Left, Center, and Right WAS ranges. The WAS ranges are now in Volts. More specifically .25-4.75. We used to have values of 250-4750. To make this easier, 250 will now be .25 and 4750 will now be 4.75. When the WAS calibration has been completed, you will see a Max Voltage Left and Max Voltage Right. These numbers must be within the range of .25-4.75. It does not matter which side is higher or lower. See below.



You can also see the voltages in Diagnostic>eDrive>Status>AGS_P08. You will see WheelSensorVoltage. You will be able to turn the wheel and see this number change. The numbers should be close to the values you see in the WAS Calibraton as you turn the wheel. Using the example above, your voltage reading should read close to 3.50 V at Full Left Lock (FLL) and close to 1.50 V at Full Right Lock (FRL). You will also be able to see the voltage changes as you turn the wheel. We will not be paying attention to the DesiredWheelAngle or EstimatedWheelAngle. See below.



If the voltage ranges are outside of the Min/Max, you will need to adjust the WAS. So far, we have seen few cases where the WAS itself needs replaced due to malfunction. As always, check your cables, pins, connections, and swing arm movement when troubleshooting the WAS.